



08-26-02

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Mellor *et al.*
Serial No.: 10/085,340
Conf. No.: 8537
Filed: February 27, 2002
For: **INTELLIGENT MULTIPLEXERS IN AN
ANTENNA LINE MANAGEMENT
SYSTEM**
Art Unit: 2681
Examiner: Unassigned

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

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US Patent and Trademark Office
PO Box 2327
Arlington, VA 22202

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Alicia Bradbury

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TRANSMITTAL LETTER

US Patent and Trademark Office
PO Box 2327
Arlington, VA 22202

Sir:

Transmitted herewith is a Preliminary Amendment with an attachment of marked up paragraphs for filing in connection with the above-identified application. Because this Preliminary Amendment is filed prior to receipt of a first office action on the merits in the above-referenced application, no fee is due. However, should it be determined that a fee for filing these papers is required, the Commissioner is authorized to charge Deposit Account No. 50-1213, as stated below:

[X] The Commissioner is hereby authorized to charge any fees that may be due under 37 C.F.R. §§1.16-1.17 in connection with this paper or with this application during its entire pendency to Deposit Account No. 50-1213. A duplicate of this sheet is enclosed.

Respectfully submitted,
HELLER, EHRMAN, WHITE & McAULIFFE LLP

By:


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PRELIMINARY AMENDMENT

Commissioner for Patents
US Patent and Trademark Office
PO Box 2327
Arlington, VA 22202

Dear Sir:

Preliminary to examination of the above-captioned patent application, entry of
the following amendment is respectfully requested.

IN THE SPECIFICATION:

Please amend the specification as follows (a marked up copy of the amended
specification is attached to this Amendment):

**Please replace the paragraph beginning on page 3, line 20, through page
4, line 7, with the following:**

There are several drawbacks to the current monitoring technique for fault
detection described above. One of the drawbacks is that only a single device at the
radiation element may be attached to the feeder cable 130. If more than one device
were connected to the feeder 130 it would not be possible to isolate which device is
operating outside its normal operating parameters as indicated by a change in
current draw. For example, if there were two MHA devices connected to a single
feeder and both drew 100mA during normal operation, the total current drawn from
the radio base station power supply during normal operation would be 200mA. If
one of the MHA had a fault and changed its current draw to 150mA, the total current

Al
MHA